



**Damper Replacement**  
**Energy Star II Dampered Fury 43V...E2 Series**

Turn off gas control and unplug transformer from wall.



With a #2 Philips, remove the venting. Set off to one side on top of the water heater.



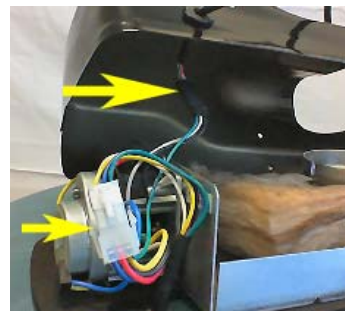
Using a #2 Philips, remove draft divert (black hood cap) from the damper housing. Set off to one side on top of the water heater.



With a #2 Philips, remove the damper cover retainer screws. Gently lift the damper cover from the water heater.



Disconnect the transformer Molex from the damper assembly.  
Disconnect white Molex plug from damper assembly.





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Remove insulation from around damper blade housing. Locate and remove 4 Phillips screws holding the damper on top of the water heater.



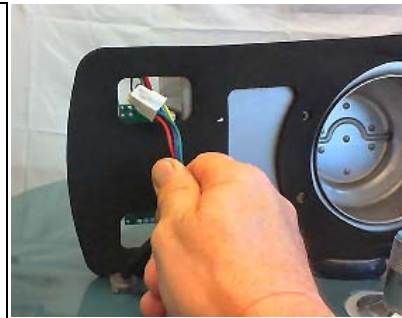
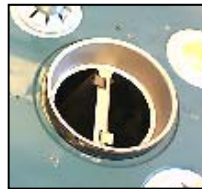
Gently pry the damaged damper assembly from the heater. Place in replacements box and return to Rheem.



Install new damper assembly on top of the heater.

Thread the white Molex thru the bottom of the damper assembly as shown.

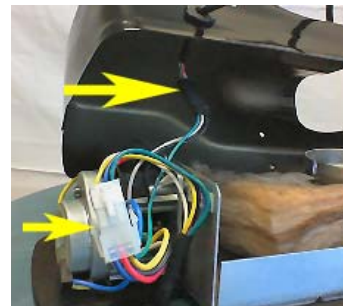
Carefully align..... and make sure the black gasket is sealed on the top of the water heater. The large hole with the damper blade goes over the flue tube.



Install 4 screws and insulation.



Reconnect white Molex to damper assembly. Reconnect transformer Molex to damper assembly cover.





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Replace cover assembly screw. Reconnect draft hood and venting.

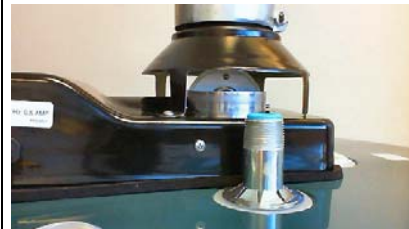


Plug transformer in wall socket; turn on control valve.

Set control not to exceed 120<sup>0</sup> F



Check water heater for safe operation by monitoring the damper blade as it opens and closes during a call for heat.



Return damaged damper motor in part shipping box to:

Rheem Manufacturing Co  
Attention: Failure Analysis Lab  
2769 Gunter Park Drive  
Montgomery, AL 36109